

### REMARKS

The Notice states that the application fails to comply with the requirements of 37 C.F.R. § 1.822 and/or § 1.823 as indicated by the attached marked-up "Raw Sequence Listing." Specifically, the "Raw Sequence Listing" indicates that the only valid response for the definition of organism in field <213> is "Artificial Sequence." The "Raw Sequence Listing" also indicates that the integer expressing the number of bases specified in field <211> must agree with the number of bases provided in field <400>. The Notice also indicates that applicants must provide a substitute computer readable form (CRF) copy of the Sequence Listing and a statement that the content of the CRF copy of the Sequence Listing is identical to the written copy.

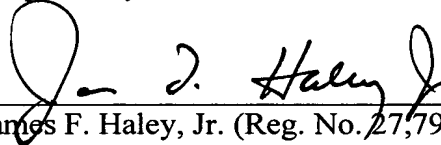
As described above, applicants have enclosed a paper copy of the Second Substitute Sequence Listing in accordance with the requirements of 37 C.F.R. § 1.825(a). The sequences in the Second Substitute Sequence Listing are identical to the sequences filed with the application on July 10, 2003 and the sequences filed with the Response to Notice to File Missing Parts on November 18, 2003. For SEQ ID NOs: 1-19 in the Second Substitute Sequence Listing, applicants have corrected field <213> to recite "Artificial Sequence," instead of "Artificial." Applicants have also corrected field <211> of SEQ ID NO: 13 to recite correctly that there are "10" bases, instead of "9" bases, to be consistent with the length of the sequence provided in field <400>.

Applicants also submit a computer readable form copy of the enclosed  
Second Substitute Sequence Listing in accordance with the requirements of 37 C.F.R.  
§ 1.825(b) and the required Statement Under 37 C.F.R. §§ 1.821 - 1.825.

None of these amendments adds new matter.

The Director is hereby authorized to charge any fees that may be due,  
or credit any overpayment of the same, to Deposit Account No. 06-1075.

Respectfully submitted,



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